AVOX Systems

283 Series
Constant Flow Oxygen Mask Assemblies

Replacement Mask Components

The following listing shows user-replaceable components, by mask type, for the masks depicted herein.

Mask Type	Replacement Item Description	Part Number
Sky Mask	Rebreather Bag Filter Elastic Band Assembly Filter Retainer Tubing (5 ft.) Tubing & Flow Indicator (5 ft.)	10001397 10001273 800381-00 10005489 27564-00 806021-01
Duo-Seal®	Sleeve Connector Rebreather Bag Head Band Assembly (2 per mask) (1 left head band, 1 right head band) Tubing (5 ft.) Tubing & Flow Indicator (5ft.)	14001-00 10001397 604028-01 27564-00 806021-01
249	Bag and Tube Assembly Head Strap Tubing & Flow Indicator (5 ft.)	289-713 659-243 806021-01

Microphone Kits

Installable at the factory or by user on Duo-Seal or Sky Masks. Special tools are not needed.

Mask Type	Part Number
Sky Mask	800778 (Carbon)
Duo-Seal®	802754 Series (Carbon) 802606-01 Series (Dynamic) 803557-02 (Electret) 803602-01 (Dynamic CE101M)
249	802606-03 (Dynamic)

WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

THESE ASSEMBLIES ARE INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AS COMPONENTS OF A COMPLETE AVIATION OXYGEN SYSTEM USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE.

THIS EQUIPMENT IS TO BE SERVICED ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR.

THIS EQUIPMENT IS TO BE USED ONLY WITH AVIATION BREATHING OXYGEN PER MIL-PRF-27210.

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AS9100

283 Series Constant Flow Oxygen Mask Assemblies

The AVOX Systems 283 Series offers several constant flow mask assemblies for aviation use, all featuring oral-nasal masks that provide comfort, style, and performance. The Duo-Seal®, Sky Mask, 249, and K.S. Disposable Masks are all designed for specific oxygen needs and are available with the options you require.

Constant Flow Oxygen Mask Assemblies from AVOX Systems

1. **The AVOX Systems Duo-Seal Mask is an oral-nasal mask made of natural rubber. This attractive mask is extremely durable and comfortable. Unique inner and outer seals are controlled by the user's breathing. An optional microphone is available.**

2. **The Sky Mask has a soft, rubber-like oral-nasal facepiece. It has a built-in aluminum nose clip to ensure a custom fit for the user. This good-looking and long-lasting oxygen system accessory, featuring sturdy lightweight construction, can be ordered with a microphone.**

3. **The AVOX Systems 249 Mask is a reliable, highly professional constant flow mask suited for general aviation. The optimum in fit and comfort, the 249 features a reservoir bag for high inspiratory flow rate before air dilution. A special stacked combination valve prevents contamination and uncontrolled dilution while providing topping off of dead air spaces.**

4. **The K.S. Disposable Mask is the lightest and most compact mask available. Polyethylene construction makes it soft, pliable, and comfortable. The elastic headband assures a good fit. A "Kiddie" version for children is also available.**

To order

283 is a basic model number. The chart below illustrates the combinations that are available. To order, fill in the necessary numbers needed to indicate the complete part number. All 283 Series masks include 5 ft. tubing.

283 [ ] [ ] — [ ] [ ]

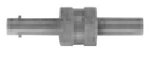
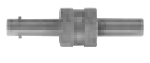
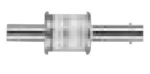
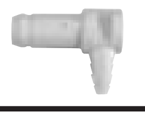
Mask

Mask		Fig.	
14028	K.S. Disposable Mask	#4	01
800623-00	Duo-Seal® Mask	#1	12
800623-01	Duo-Seal® Mask with 802754-04 Microphone/Switch Assembly and Plug Assembly (PJ-068 Type)	#1	13
800717-00	Sky Mask	#2	14
800717-01	Sky Mask with 800777-00 Carbon Microphone. Switch and Plug Assembly (PJ-068 Type)	#2	15
800623-02	Duo-Seal® Mask with 802754-05 Microphone and Plug Assembly (PJ-068 Type)	#1	16
800717-02	Sky Mask with 800777-00 Carbon Microphone and Plug Assembly (PJ-068 Type)	#2	17
802928-01	Duo-Seal® Mask with One Piece Head Harness and 802606-01 Dynamic Microphone	#1	18
802928-02	Duo-Seal® Mask with One Piece Head Harness	#1	19
20776-01	249 Constant Flow Mask	#3	20
20776-01	249 Constant Flow Mask with Dynamic Microphone, Pre-amp, and PJ-068 Plug	#3	21
20776-01	249 Constant Flow Mask with 802754-05 Carbon Microphone and PJ-068 Plug	#3	22
800623-04	Duo-Seal® Mask with 803557-02 Electret Microphone and Plug Assembly (PJ-068 Type)	#1	23
802928-03	Duo-Seal® Mask with One Piece Head Harness, 803557-02 Electret Microphone, and Plug Assembly (PJ-068 Type)	#1	24
802928-04	Duo-Seal® Mask with One Piece Head Harness and 803602-01 Dynamic Microphone Assembly	#1	25
14025-00	K.S. Disposable "Kiddie" (Child's) Mask	#4	26

Flow Indicator

Without flow indicator		0
8540-00		1

Connectors

Without Connector			0
8570-00 No Stripe	AVOX (2.5 lpm*)		1
5065-10	AN Type		2
29559	ARO Type		3
14807	Puritan Type		4
8570-03 Red Stripe	AVOX (2.0 lpm*) (Similar to 8570-00)		6
8570-01 Gold Stripe	AVOX (1.5 lpm*) (Similar to 8570-00)		7
8586	AVOX Therapeutic (7.5 lpm)		8
8570-05 Green Stripe	AVOX (3.0 lpm*) (Similar to 8570-00)		9
802039-01	Cessna		A
289-57	ARO Type (90˚)		B

*Oxygen pressure in line must be 55 psig at 20,000 ft. to produce lpm values in all 8570 series connectors.
Note: For mating outlets see catalog sheet AVIA 5250